

WHAT IS CLAIMED IS:

1. A wood board comprising:
a core layer including a plurality of adhered together veneer sheets on top of one another layered such that the longitudinal grain structures of each layer in each pair of adjacent veneer layers are perpendicular to each other, said veneers further including longitudinally pierced slots formed therein such that said slots are parallel with the longitudinal grain structures of said veneers; and
a face layer comprising a longitudinally sliced wood veneer adhered to at least one surface of said core layer.
2. A wood board according to claim 1, wherein said core layers comprise longitudinally sliced wood veneer sheets.
3. A wood board according to claim 1, wherein said core layer comprises longitudinally sliced wood veneer sheets and rotary cut wood veneer sheets.
4. A wood board according to claim 3, wherein said core layers comprise alternating layers of longitudinally sliced wood veneer sheets and rotary cut wood veneer sheets.
5. A wood board according to claim 1, wherein said core layer comprises a material selected from the group consisting of chip board, particle board, masonite or plastic.
6. A wood board according to claim 1, wherein said core layers are oriented such that the tight side of each successive layer faces in an opposite direction from the preceding layer.
7. A wood board according to claim 1, wherein said core layers are oriented such that the tight side of each successive pair of layers face each other.

8. A wood board according to claim 1, wherein said core layers are oriented such that the tight side of each successive pair of layers face away from each other.

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9. A method for manufacturing wood boards comprising the steps of:

(a) forming a core layer by:

(1) preparing a back veneer having longitudinally pierced slots therein oriented in parallel with its longitudinal grain structures; and

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(2) adhering one or more additional veneer layers, each having longitudinally pierced slots therein oriented in parallel with its respective longitudinal grain structures, upon said back veneer to form a stack of layered veneers wherein the longitudinal grain structures of each layer in each pair of adjacent layers are perpendicularly oriented with respect to each other; and

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(b) adhering a longitudinally sliced wood veneer face layer on said core layer such that the longitudinal grain structures of said face layer veneer are perpendicularly oriented with respect to the longitudinal grain structures of the core layer veneer sheet to which it is attached.

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10. A method according to claim 9, wherein said core layers comprise longitudinally sliced wood veneer sheets.

11. A method according to claim 9, wherein said core layers comprise successively oriented sliced wood veneer and rotary cut wood veneer.

12. A method according to claim 11, wherein said core layers comprise alternating layers of longitudinally sliced wood veneer sheets and rotary cut wood veneer sheets.

13. A method according to claim 9, wherein said core layers are oriented such that the tight side of each successive layer faces in an opposite direction from the preceding layer.

14. A method according to claim 9, wherein said core layers are oriented
5 such that the tight side of each successive pair of layers face each other.

15. A method according to claim 9, wherein said core layers are oriented such that the tight side of each successive pair of layers face away from each other.

16. A wood board made by a process of:
(a) forming a core layer by:

10 (1) preparing a back veneer having longitudinally pierced slots therein oriented in parallel with its longitudinal grain structures; and

(2) adhering one or more additional veneer layers, each having longitudinally pierced slots therein oriented in parallel with its respective longitudinal grain structures, upon said back veneer to form a stack of layered veneers
15 wherein the longitudinal grain structures of each layer in each pair of adjacent layers are perpendicularly oriented with respect to each other; and

(b) adhering a longitudinally sliced wood veneer face layer on said core layer such that the longitudinal grain structures of said face layer veneer are perpendicularly oriented with respect to the longitudinal grain structures of the core layer veneer sheet
20 to which it is attached.